

Data File : H:\VOL1\GCMSDATA\J\120924\BJ001146.D
 Acq On : 24 Sep 2012 16:27
 Sample : CWA-4
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 27 17:01 2012

Vial: 4
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

Quant Results File: BJ092412.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Sep 27 16:58:07 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.41	152	650587	2.00	ug/mL	0.00
6) Naphthalene-d8	5.68	136	2741125	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.75	99	2572980	2.17	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	434.00%#
12) 2-Bromothioanisole	6.98	204	2504340	11.83	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	236.60%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.34	94	1513482	5.29	ug/mL	100
3) DMMP	3.29	79	536789	2.44	ug/mL	100
4) DIMP	4.70	97	1547412	2.31	ug/mL	100
5) 1,4-Oxathiane	3.40	46	1597549	5.85	ug/mL	100
7) 1,4-Dithiane	4.84	46	1213518	5.19	ug/mL	100
8) Thiodiglycol	5.65	61	9143562	41.18	ug/mL	100
9) Benzothiazole	5.98	135	9949059	13.36	ug/mL	100
11) p-Chlorophenylmethyldisulfide	6.24	158	5364297	12.18	ug/mL	100
13) p-Chlorophenylmethyldisulfox	7.63	159	3851869	13.67	ug/mL#	88
14) p-Chlorophenylmethyldisulfon	7.84	111	4894583	13.50	ug/mL	100

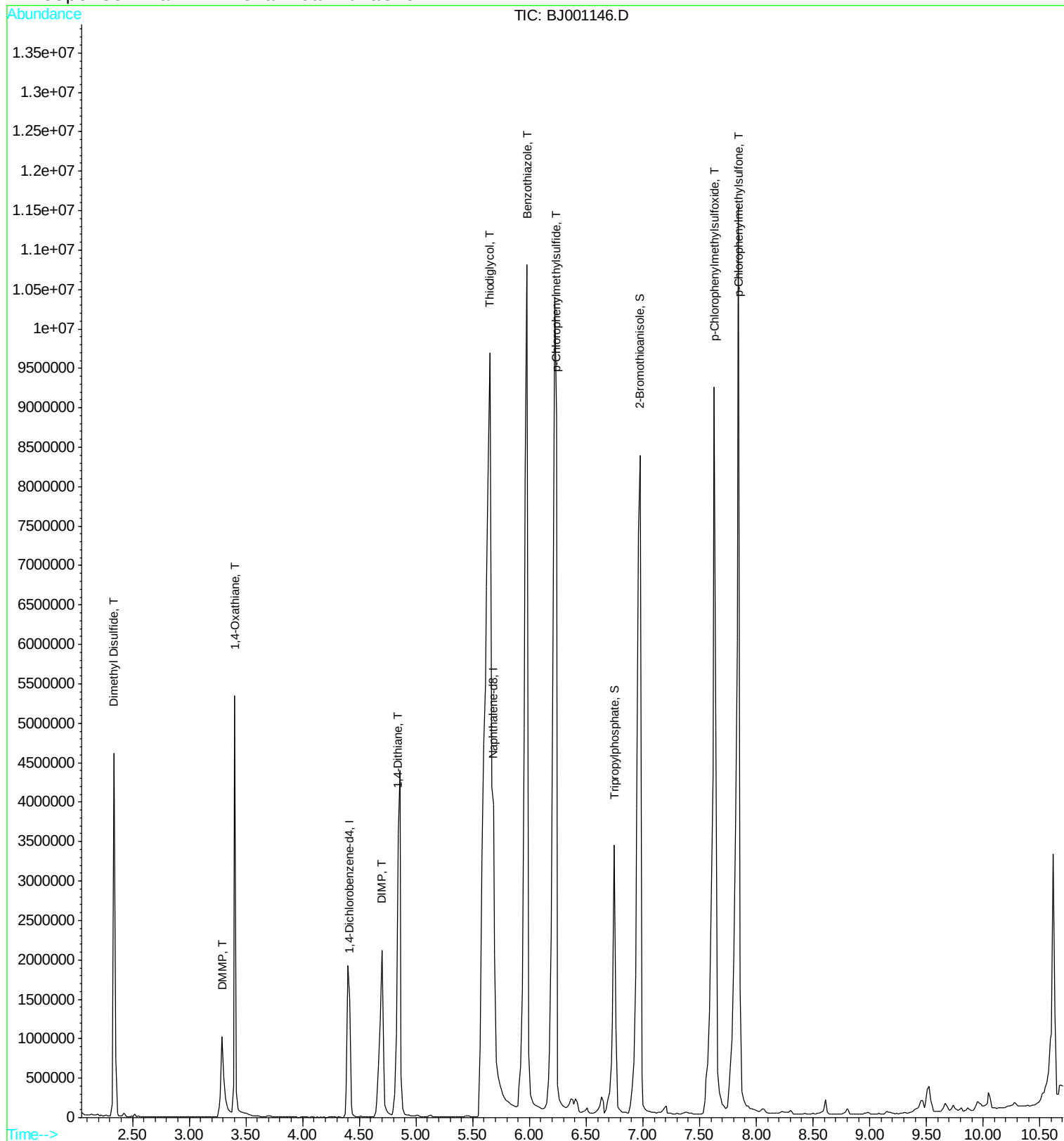
Data File : H:\VOL1\GCMSDATA\J\120924\BJ001146.D
Acq On : 24 Sep 2012 16:27
Sample : CWA-4
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MS Integration Params: rteint.p
Quant Time: Sep 27 17:01 2012

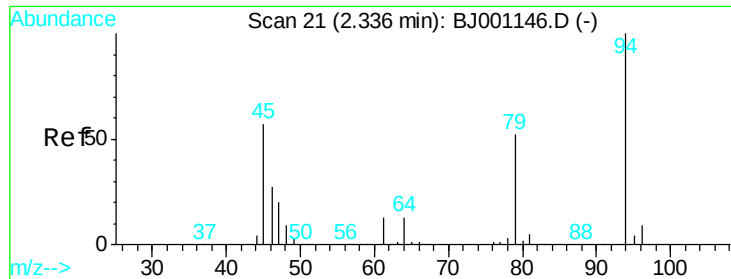
Vial: 4
Operator: HLM
Inst : BNA J
Multiplr: 1.00

Instrument :
BNA_J
LabSampleId :
CWA-4

Quant Results File: BJ092412.KES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Thu Sep 27 16:58:07 2012
Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 5.29 ug/mL

RT: 2.34 min Scan# 21

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

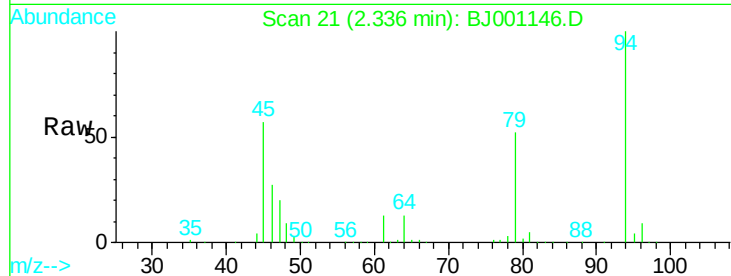
Tgt Ion: 94 Resp: 1513482

Ion Ratio Lower Upper

94 100

45 56.7 36.7 76.7

79 51.6 31.6 71.6

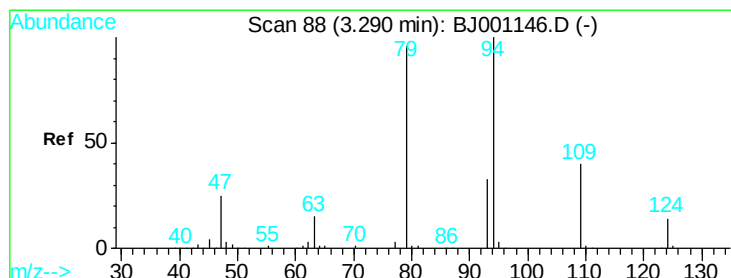
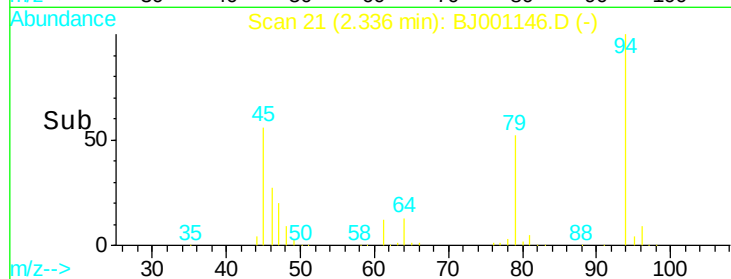
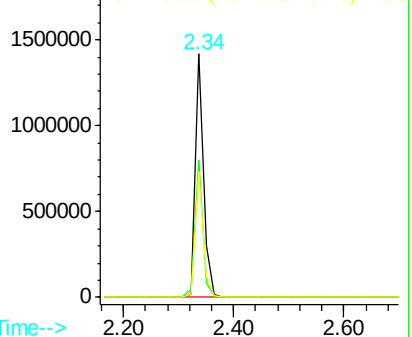


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 2.44 ug/mL

RT: 3.29 min Scan# 88

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

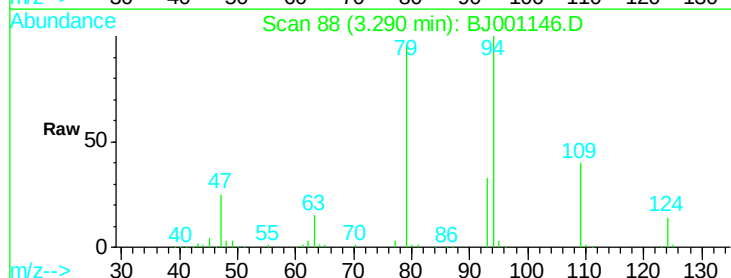
Tgt Ion: 79 Resp: 536789

Ion Ratio Lower Upper

79 100

94 103.7 83.7 123.7

109 41.5 21.5 61.5

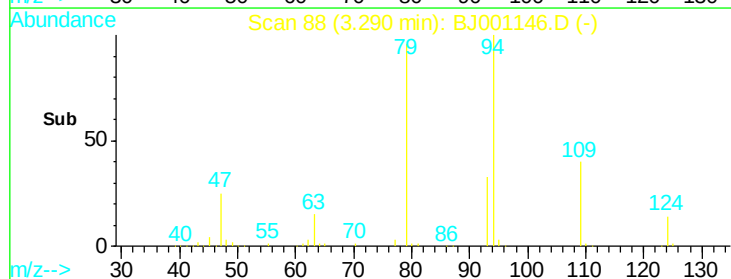
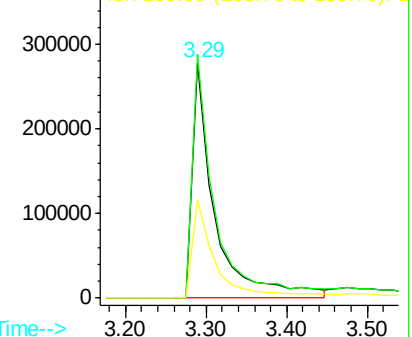


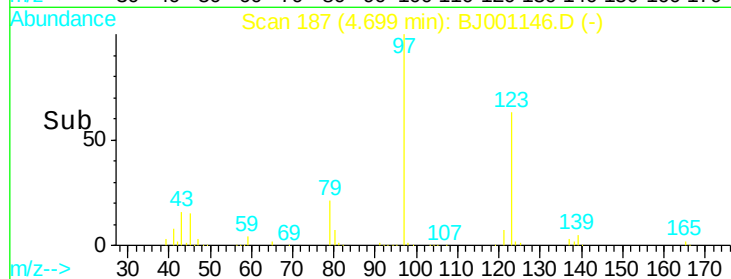
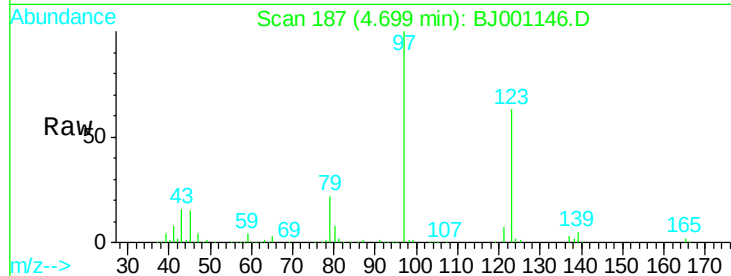
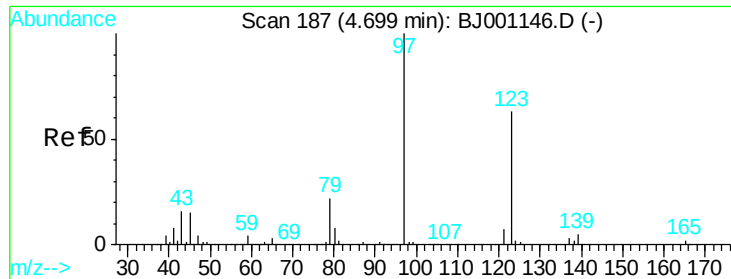
Abundance

Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0





#4

DIMP

Concen: 2.31 ug/mL

RT: 4.70 min Scan# 187

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion: 97 Resp: 1547412

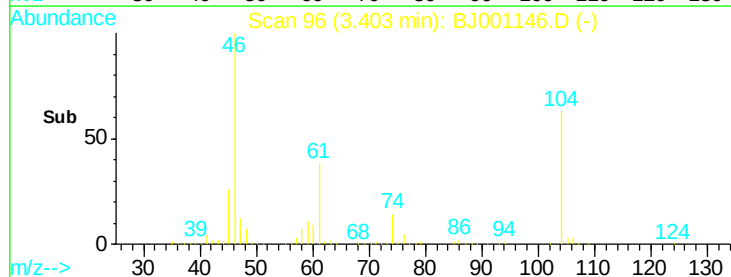
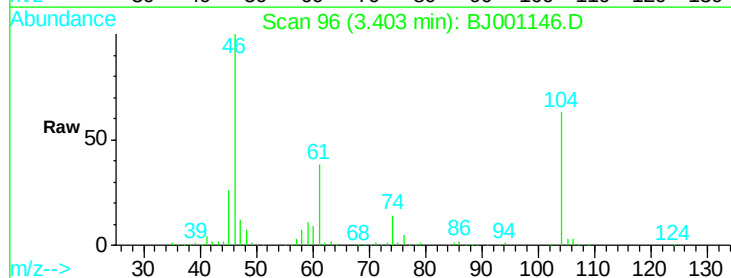
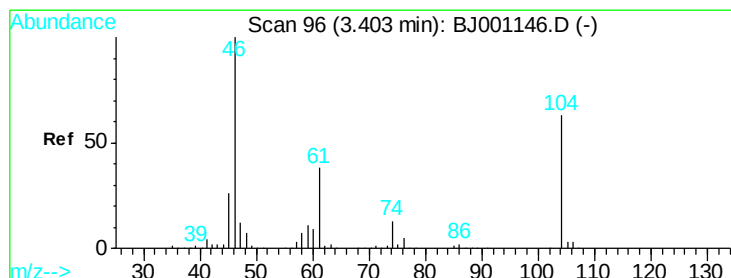
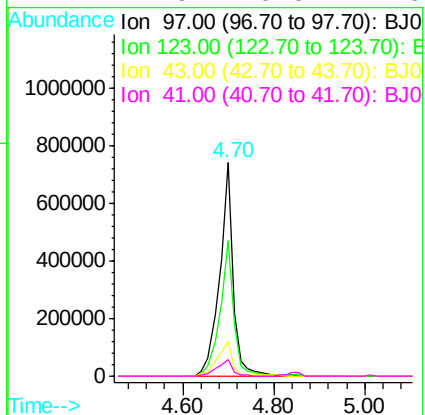
Ion Ratio Lower Upper

97 100

123 63.3 43.3 83.3

43 16.5 0.0 36.5

41 7.9 0.0 27.9



#5

1,4-Oxathiane

Concen: 5.85 ug/mL

RT: 3.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

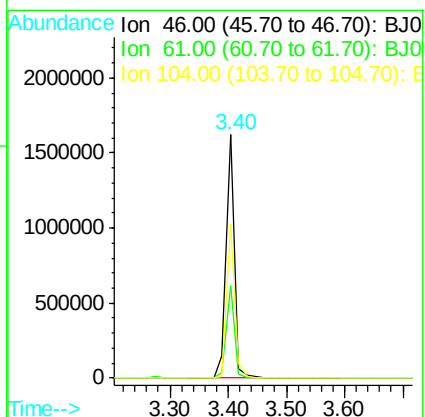
Tgt Ion: 46 Resp: 1597549

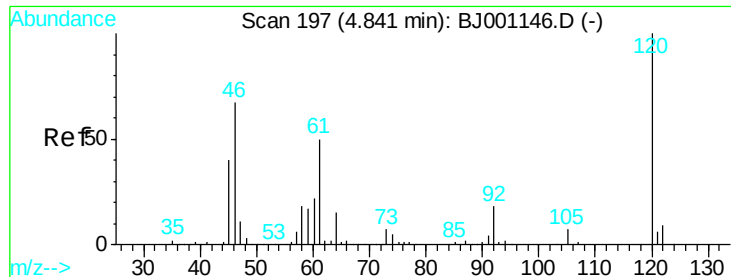
Ion Ratio Lower Upper

46 100

61 38.0 18.0 58.0

104 63.0 43.0 83.0





#7

1,4-Dithiane

Concen: 5.19 ug/mL

RT: 4.84 min Scan# 197

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

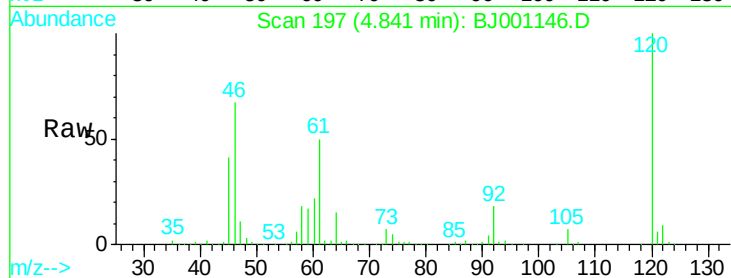
Tgt Ion: 46 Resp: 1213518

Ion Ratio Lower Upper

46 100

61 74.6 54.6 94.6

120 149.2 129.2 169.2

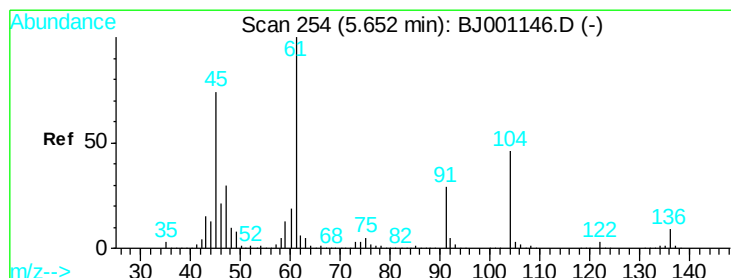
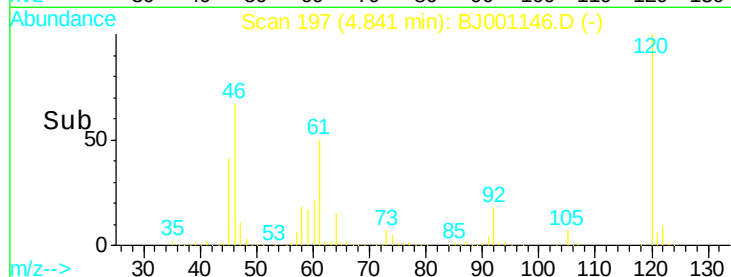
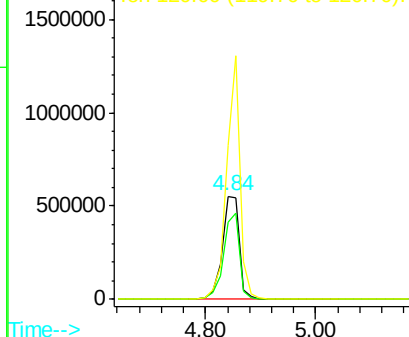


Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0



#8

Thiodiglycol

Concen: 41.18 ug/mL

RT: 5.65 min Scan# 254

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

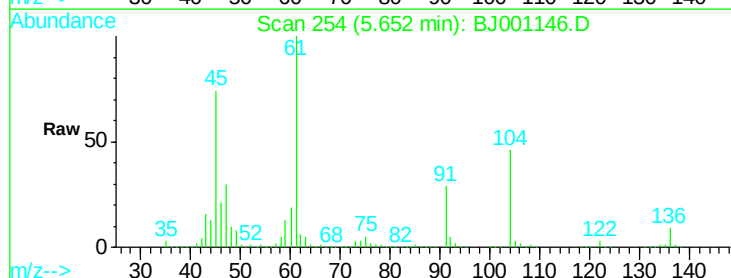
Tgt Ion: 61 Resp: 9143562

Ion Ratio Lower Upper

61 100

45 74.2 54.2 94.2

47 29.7 9.7 49.7

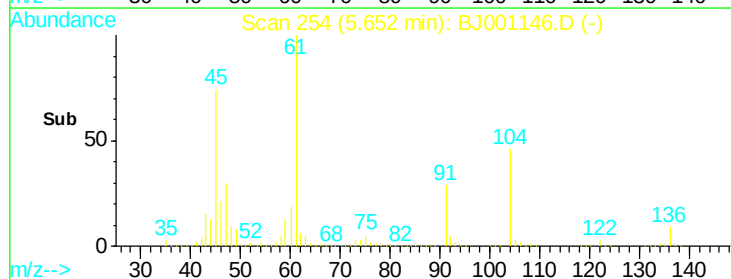
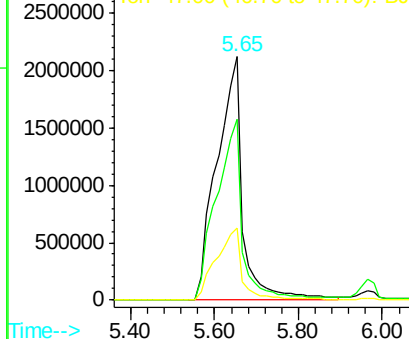


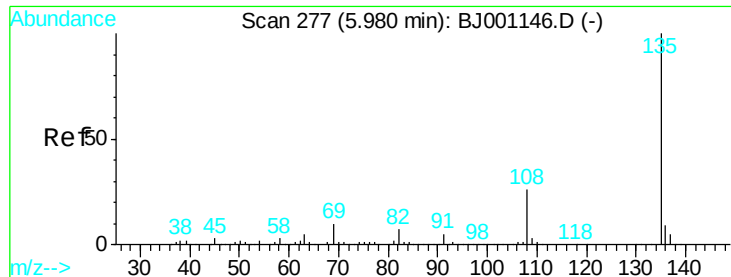
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0





#9

Benzothiazole

Concen: 13.36 ug/mL

RT: 5.98 min Scan# 277

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

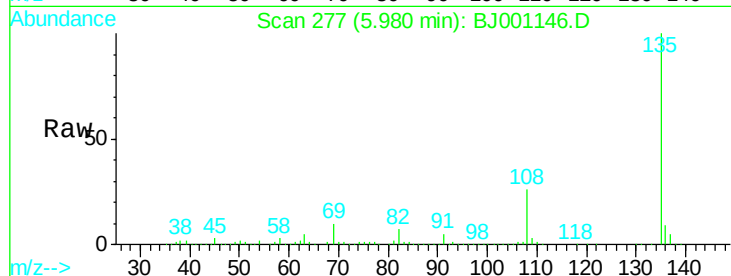
Tgt Ion:135 Resp: 9949059

Ion Ratio Lower Upper

135 100

108 26.2 6.2 46.2

69 10.4 0.0 30.4

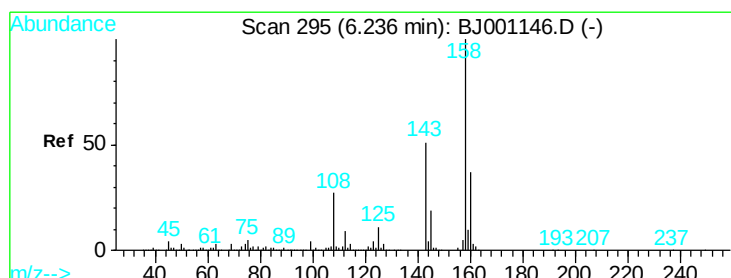
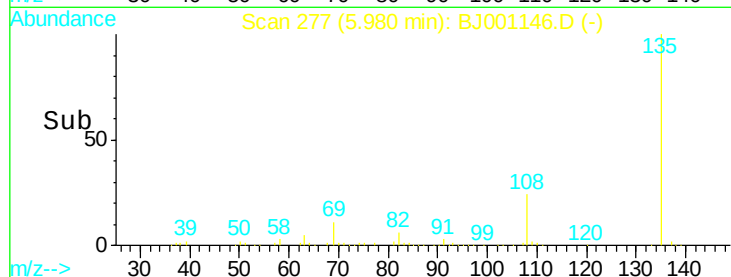
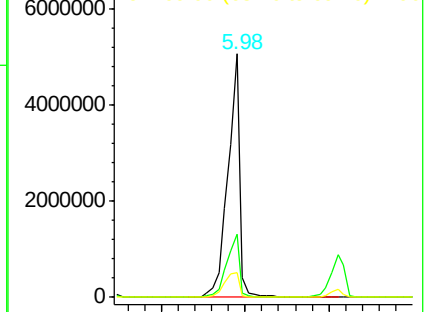


Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0



#11

p-Chlorophenylmethylsulfide

Concen: 12.18 ug/mL

RT: 6.24 min Scan# 295

Delta R.T. 0.00 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Tgt Ion:158 Resp: 5364297

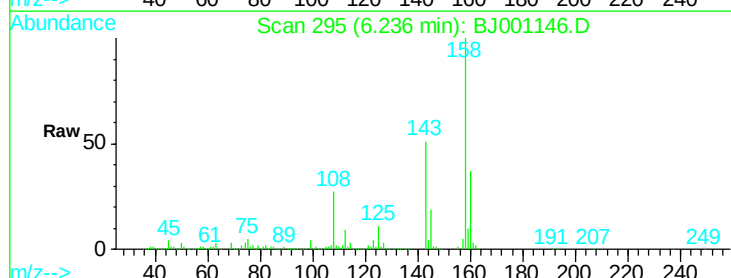
Ion Ratio Lower Upper

158 100

143 50.6 30.6 70.6

108 26.9 6.9 46.9

45 4.3 0.0 24.3



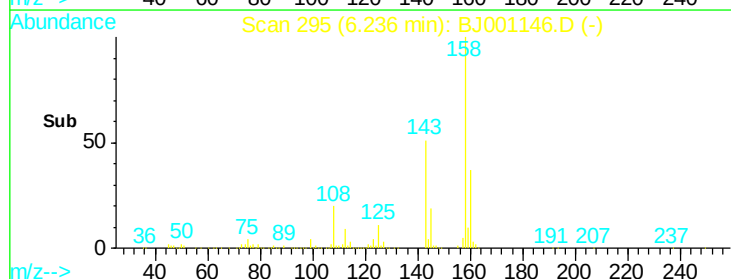
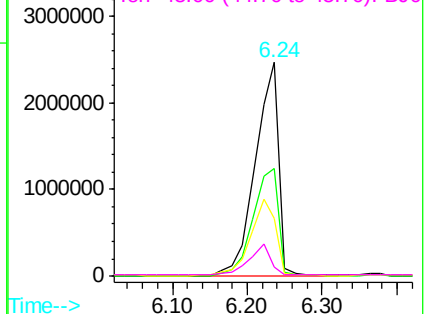
Abundance

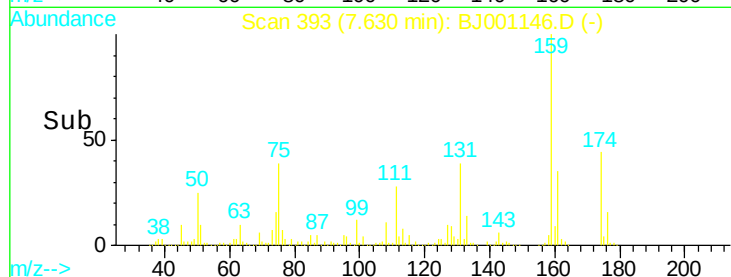
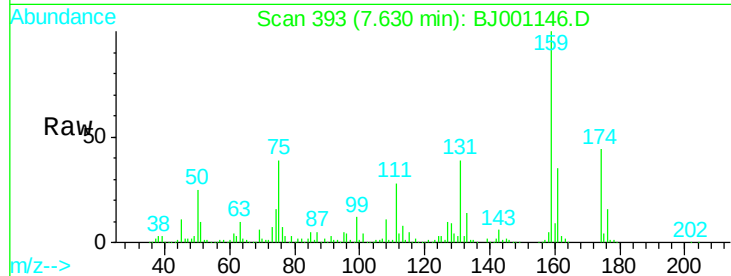
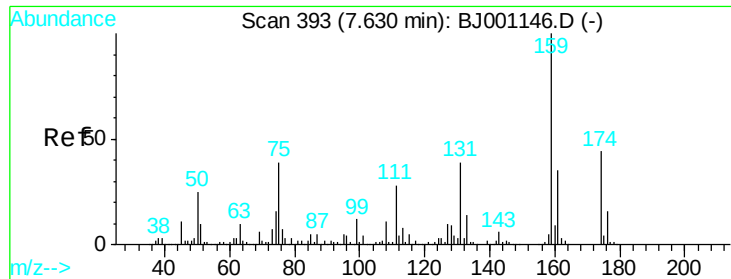
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0

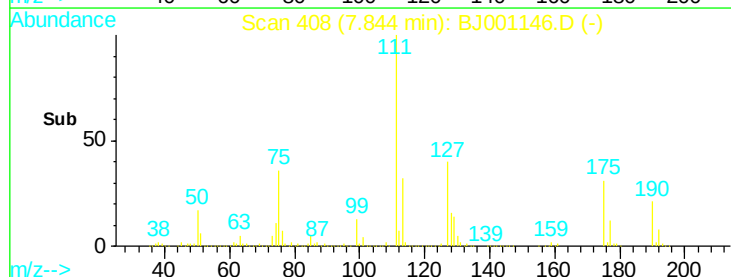
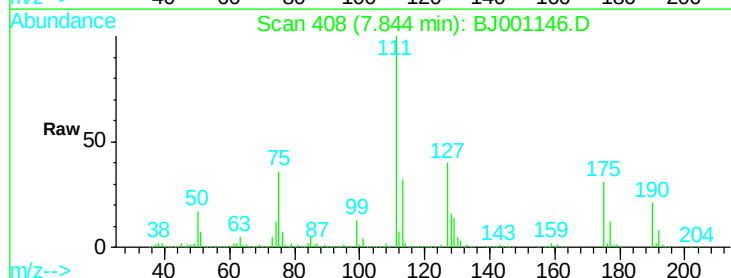
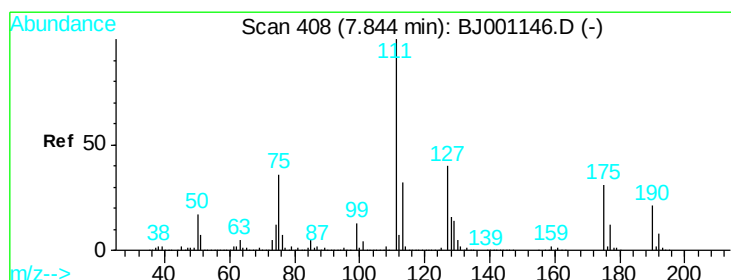
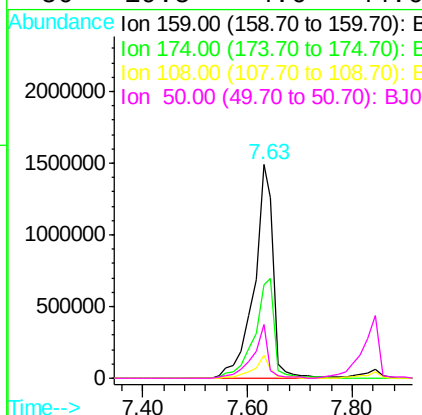




#13
p-Chlorophenylmethylsulfoxide
Concen: 13.67 ug/mL
RT: 7.63 min Scan# 393
Delta R.T. 0.00 min
Lab File: BJ001146.D
Acq: 24 Sep 2012 16:27

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:159 Resp: 3851869
Ion Ratio Lower Upper
159 100
174 48.0 0.0 20.4#
108 9.0 0.0 22.2
50 19.5 4.6 44.6



#14
p-Chlorophenylmethylsulfone
Concen: 13.50 ug/mL
RT: 7.84 min Scan# 408
Delta R.T. 0.00 min
Lab File: BJ001146.D
Acq: 24 Sep 2012 16:27

Tgt Ion:111 Resp: 4894583
Ion Ratio Lower Upper
111 100
75 36.1 16.1 56.1
127 39.6 19.6 59.6
190 21.2 1.2 41.2

